

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/002450

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04B10/155

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04B H04L G02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, COMPENDEX, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/049333 A (GRIFFIN ROBERT ; BOOKHAM TECHNOLOGY PLC (GB)) 12 June 2003 (2003-06-12) abstract page 3, lines 28-31 page 4, line 21 - page 5, line 15 page 6, lines 8-12 page 7, lines 6-12; figure 1	1-15
X	US 5 249 243 A (SKEIE HALVOR) 28 September 1993 (1993-09-28) abstract column 4, lines 8-28 column 8, line 30 - column 10, line 9 figures 1,3	1, 9, 10, 14, 15

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

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Date of the actual completion of the International search	Date of mailing of the International search report
15 October 2004	26/10/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel: (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Muñoz Sanchez, J-M

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C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 2002/005975 A1 (NAKAMOTO HIROSHI) 17 January 2002 (2002-01-17) abstract paragraphs '0001!, '0100! - '0108! figure 11	1, 9, 10, 14, 15
A	EP 0 752 607 A (NEDERLAND PTT) 8 January 1997 (1997-01-08) abstract column 4, lines 5-48 figures 1-3	1-15

INTERNATIONAL SEARCH REPORT

Information on patent family members

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